

Amendments to the Claims

This listing of claims replaces all previous versions and listings of claims in this application.

1. (previously presented) A low-pressure discharge lamp comprising a tubular glass lamp vessel on an outer surface of which a conductor layer is formed as an electrode, wherein the conductor layer is formed by solder dipping and has a main component of any one of tin, an alloy of tin and indium, or an alloy of tin and bismuth.

2. (previously presented) A low-pressure discharge lamp according to claim 1, wherein the conductor layer contains at least one of antimony, zinc, or aluminum as an additive.

3. (previously presented) A low-pressure discharge lamp according to claim 2, wherein a part of a surface of the tubular glass lamp vessel, where the conductor layer is formed, is blasted.

4. (previously presented) A low-pressure discharge lamp comprising a tubular glass lamp vessel on an outer surface of which a conductor layer is formed as an electrode, wherein the conductor layer is formed by ultrasonic solder dipping.

5. (previously presented) A low-pressure discharge lamp according to claim 4, wherein the conductor layer has a main component of any one of tin, an alloy of tin and indium, or an alloy of tin and bismuth.

6. (previously presented) A low-pressure discharge lamp according to claim 5, wherein the conductor layer contains at least one of antimony, zinc, or aluminum as an additive.

7. (previously presented) A low-pressure discharge lamp according to claim 6, wherein a part of a surface of the tubular glass lamp vessel where the conductor layer is formed is blasted.

8. (previously presented) A low-pressure discharge lamp according to claim 7, wherein the conductor layer contains no lead component.

9-20. (cancelled)